

CLAIMS

The invention claimed is:

1. A method of building an application having one or more versions, said method including the steps of:

providing a first computing device;

providing a second computing device having a controlling process for an environment, said environment having parameters, said controlling process managing at least one group of servers in said environment;

selecting at least one file directed to a particular version of said application from said one or more versions using said first computing device for the purpose of building the particular version of the application on said second computing device;

deleting said at least one group of servers which are associated with the application using said controlling process;

creating at least one new server group in the environment; and

building said particular version of said application on said second computing device.

2. The method of claim 1 wherein said deleting step comprises the additional step of:

including as said at least one file an environmental-configuration file which includes a plurality of environmental configurations for the parameters of the controlling process environment.

3. The method of claim 2 including the step of :
using said environmental-configuration file to message the controller to
accomplish the deleting step.
4. The method of claim 2 including the step of:
including scripts within said environmental-configuration file;
using said scripts to message the controller to accomplish the deleting
step.
5. The method of claim 4 comprising the additional step of :
using said scripts to configure new server groups in the environment.
6. The method of claim 4 comprising the additional step of :
providing a command interface for enabling said scripts to message said
controller.
7. The method of claim 6 comprising:
selecting Pathcom™ as the command interface which is provided for
enabling said scripts to message said controller.
8. The method of claim 1 comprising:
providing a scheduler;
creating a build schedule using said scheduler;
repeating the selecting, deleting, and building steps according to said build
schedule.
9. The method of claim 8 including the step of:

creating said build schedule such that the selecting locating, deleting, and building steps to occur daily.

10. The method of claim 1 comprising:

enabling the selecting locating, deleting, and building steps to occur on-demand.

11. The method of claim 1 including the additional steps of:

checking said particular version of said application into a version control system;

associating the particular version with a tag;

referencing said particular version in a version control system using said tag in order to accomplish said selecting step.

12. The method of claim 1 comprising:

including in said particular version of the application an environmental-configuration containing XML file.

13. The method of claim 12 comprising:

including in said particular version of the application an object-XML file.

14. The method of claim 13 comprising:

including with said particular version of said application a plurality of XSL files.

15. A computer program product on a first computing device adapted for execution on a second computing device, comprising:

a first file;

a second file;

said first file including substantially only the configurations of the application that are not environment specific;

said second file including substantially only the configurations of the application which are environmental specific.

16. The application of claim 15 in which said first and second files are XML files.

17. The application of claim 15 in which the second file further comprises:
a label for identifying an environment into which the application is to be run;

a group of environmental parameters which are specific to the environment, but not specific to the application; and

a group of application parameters which are specific to the environment.

18. The application of claim 17 in which said second file further comprises:
a number of parameters specific to at least one server.

19. The application of claim 18, further comprising:
a set of scripts that accept the first and second files as inputs to create output files that are useable in the second computing device.

20. The application of claim 15 in which the environmental requirements of an environment in the second computing device may be configured by editing said second file in said first computing device making the application dynamically adaptable to multiple environments in the second computing device.

21. One or more computer-readable media having computer-executable instructions embodied thereon for performing a method of building an application on a computing device, said method comprising:

providing a first file;

providing a second file;

including in said first file substantially only the configurations of the application that are not environment specific;

including in said second file substantially only the configurations of the application which are environmental specific.

22. The method of claim 21, further comprising:

creating said first and second files in XML.

23. The method of claim 22, further comprising:

identifying an environment into which the application is to be run using a label;

including a group of environmental parameters in said second file which are specific to the environment, but not specific to the application; and

including a group of application parameters in said second file which are specific to the environment.

24. The method of claim 23, further comprising:

including a number of parameters specific to at least one server in said second file.

25. The method of claim 24, further comprising:

including in said second file a script that accepts the first and second files as inputs to create output files that are useable in the second computing device.

26. The method of claim 21, comprising:

dynamically adapting the application to multiple environments in said second computing device by editing said second file.